

the crossing of Niven's line, August 16th, and one at the mouth of Abitibi river on August 17th. On Abitibi river one was seen at the foot of the Long Rapids on August 29th, and one at the Coral Portage on August 30th.

GREAT HORNED OWL, *Bubo virginianus*. One seen at Three Carrying places, Abitibi river, Sept. 4th, and one was heard that night at our camp a few miles up Frederick House river.

HAWK OWL, *Surnia ulula*. One seen west of Cochrane, July 29th.

BELTED KINGFISHER, *Ceryle alcyon*. One seen at Cochrane, July 29th. Commonly distributed along the lower Groundhog, Mattagami, Moose, and Abitibi rivers, two or more being seen almost every day throughout the trip. The muddy waters of the Abitibi river did not appear to have the same influence on the distribution of the Kingfisher, as on most other fish-eating species. In all between thirty-five and forty individuals were seen between August 1st and September 5th.

ARCTIC THREE-TOED WOODPECKER, *Picoides arcticus*. None seen on rivers, but one individual seen on September 5th in a grove about nine miles northwest of Cochrane.

YELLOW-BELLIED SAPSUCKER, *Sphyrapicus varius*. One immature male shot on island at mouth of Missinaibi river, August 14th.

PILEATED WOODPECKER, *Phlocotomus pileatus*. A note probably made by this species was heard by the writer near Clute, twelve miles northwest of Cochrane, September 5th.

FLICKER, *Colaptes auratus*. Several seen at Cochrane, July 28th. Two seen on Mattagami river, one opposite mouth of Pike creek, August 11th, and one at Grand Rapids on August 12th. On Abitibi river, one below Niven's line, August 25th, one at same location on August 26th; one at foot of Long Rapids on August 29th; one near mouth of Frederick House river, September 4th.

NIGHT HAWK, *Chordeiles virginianus*. Two were seen at Cochrane, July 29th. Several seen every day between the lower Groundhog and the Long Portage, of Mattagami river, August 3rd to 8th, and several seen each day between the Grand rapids of Mattagami and Grey Goose island, Moose river, August 12th to 15th.

CANADA JAY, *Perisoreus canadensis*. Probably much more common than the number observed would indicate, due to their habit of remaining in seclusion until the camp site is abandoned. One heard on Groundhog river, August 1st; Mattagami river, Long Rapids, one seen each day, August 7th, 8th, and 9th. Moose river, one seen opposite mouth of French river, August 20th; Abitibi river, heard near mouth, on August 23rd and 24th; two seen near second rapids above mouth on 24th; one near

Niven's line on 25th; four at same locality on 26th; two at Blacksmith's rapids on 28th; one at foot of Long Rapids on 29th; two at Coral portage on 30th. One male collected near New Post on September 1st.

RAVEN, *Corvus corax*. Seen on Mattagami river, as follows:—one below mouth of Groundhog, August 3rd; two on Long Portage, August 10th, and one on 11th; three at mouth of Missinaibi, August 14th; two on Moose river, near Niven's line, August 16th. On Abitibi river:—one at mouth, August 17th; one at Second rapids above mouth, August 24th; one at Blacksmith's rapids, August 28th, one at foot Long Portage, August 29th; one at Coral Portage, August 30th; one at New Post, September 1st; one at Frederick House, September 4th.

AMERICAN CROW, *Corvus brachyrhynchos*. Several seen at Clute, September 5th.

HOUSE SPARROW, *Passer domesticus*. Three seen at Moose Factory, August 18th. Mr. McLeod, Factor at New Post, but formerly of Moose Factory, says that the sparrows came to Moose Factory about eight years ago, and that many die every winter.

AMERICAN GOLDFINCH, *Astragalinus tristis*, sp.? Fifteen birds probably of this species, but possibly Pine Siskins, were seen on the Lower Groundhog river, August 3rd.

SAVANAH SPARROW, *Passerculus sandwichensis*. One specimen taken at the foot of the Long Portage, Mattagami river, August 8th. These sparrows are so dark in colour as to be quite unlike the Savannah sparrows of Southern Ontario; the commonest sparrow of Moose river and the tributaries travelled.

WHITE-THROATED SPARROW, *Zonotrichia albicollis*. Fairly common, being either seen or heard almost every day of the trip. In song until August 27th.

JUNCO, *Junco hyemalis*. Well distributed. Mattagami river:—Long Portage, several August 8th; Pike Creek, two August 11th; Grand Rapids, two, August 13th. Abitibi river:—mouth, two August 17th; four miles above mouth, two, August 23rd; at Second rapids, above mouth, common, August 24th; Blacksmith's rapids, two, August 28th; Long portage, several September 2nd; Frederick House, river, common, Sept. 5th.

SWAMP SPARROW, *Melospiza georgiana*. Birds doubtfully referred to this species were seen August 13th and 14th, on the Grand rapids of Mattagami river, and again on the Second rapids above the mouth of the Abitibi river, on August 24th.

TREE SWALLOW, *Iridoprocne bicolor*. Several observed on the Groundhog river on August 2nd and 3rd, and on Mattagami river at the Long rapids on August 7th. A single bird at the second rapids above the mouth of the Abitibi on August 24th.